

# 09. (September) 2019

**Project:** iGEM\_Munich2019 Shared Project

**Authors:** Anja

THURSDAY, 19/9/2019

Anja

**Cell Imaging\_(EVOS):**

- 10x magnification, phase-contrast
- made images of all conditions

**Cytotoxicity\_(LDH) Assay :** EXOs and VLPs after 48h (according to protocol)

A-C: Samples

C-H: High controls

19092019\_CytotoxicityAssay48h\_measurment\_plate

	1	2	3	4	5	6	7	8	9	10	11	12
A	empty GAG	empty GAG	empty GAG	His-AM, CC, MeM	His-AM, CC, MeM	His-AM, CC, MeM	His-AM, CC, MeL	His-AM, CC, MeL	His-AM, CC, MeL	His-AL, CC, MeL	His-AL, CC, MeL	His-AL, CC, MeL
B	His-AL, CC, MeM	His-AL, CC, MeM	His-AL, CC, MeM	MOCK	MOCK	MOCK	transfection negat ctrl	transfection negat ctrl	transfection negat ctrl	no transf ctrl	no transf ctrl	no transf ctrl
C	His-AL, CC, MeM	His-AL, CC, MeM	His-AL, CC, MeM	MOCK	MOCK	MOCK	transfection negat ctrl	transfection negat ctrl	transfection negat ctrl	no transf ctrl	no transf ctrl	no transf ctrl
D	DME M	DMEM	DMEM	/	/	/	/	/	/	/	/	/
E	AM, MeM, M	AM, MeM, M	AM, MeM, M	AL, MeL, M	AL, MeL, M	AL, MeL, M	AM, MeL, M	AM, MeL, M	AM, MeL, M	AL, MeM, M	AL, MeM, M	AL, MeM, M
F	empty GAG	empty GAG	empty GAG	His-AM, CC, MeM	His-AM, CC, MeM	His-AM, CC, MeM	His-AM, CC, MeL	His-AM, CC, MeL	His-AM, CC, MeL	His-AL, CC, MeL	His-AL, CC, MeL	His-AL, CC, MeL
G	His-AL, CC, MeM	His-AL, CC, MeM	His-AL, CC, MeM	MOCK	MOCK	MOCK	transfection negat ctrl	transfection negat ctrl	transfection negat ctrl	no transf ctrl	no transf ctrl	no transf ctrl
H	DME M	DMEM	DMEM	/	/	/	/	/	/	/	/	/

\*separate parts of samples were given for qPCR analysis simultaneously with carrying out the Cytotoxicity (LDH)Assay

**Colony PCR** of E19 & E20 (according to protocol)

**Cell culture: HEK293T splitting** (400ul, p37)

Joshi

Cell culture: HEK293T harvesting.

supernatant

- take 2ml SN, centrifuge 13.6rpm 10min, take top 1.5ml
- add 0.75ml of Total Exosome Isolation Reagent
- incubate in the fridge ON

cells

- add 0.5ml PBS
- resuspend, transfer into a tube --> continued by Annika (check Assay team lab book entry)